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PATENT SPECIFICATION



Application Date: March 23, 1931. No. 8861/31.

375,801

Complete Left: Jan. 20, 1932.

Complete Accepted: June 23, 1932.

PROVISIONAL SPECIFICATION.

Improvements in Devices for Preventing Unauthorised Use of Motor Vehicles.

We, Dr. HERMANN KAATZ, of Ginnheim, near Frankfurt on Main, Germany, and Dr. ROBERT KRÜGER, of Brück, near Cologne, Germany, both German citizens, do hereby declare the nature of this invention to be as follows:—

This invention relates to a device for preventing unauthorised use of motor vehicles, and consists in the provision of a screen adapted to be lowered in front of or behind the wind screen so as to obstruct the view.

The screen may consist of a rigid metal plate which is guided in a slot in the upper frame member of the wind screen and formed with a hooked edge adapted to engage over the edge of the slot with the lower edge of the plate secured by means of a suitable catch or lock to the lower frame member. Normally the screen can be supported in a substantially horizontal position in the guide slot, the hooked edge of the screen being fastened to the top of the car inside the latter. The plate may project beyond the wind screen and serve as a sunshade.

As an alternative arrangement the screen may be made of flexible metal

adapted to be wound on a roller like a blind which can be moved in one direction by means of ropes and spring pulleys and in the other direction by means of a crank handle. The spring pulleys may be provided with locking devices.

When the screen is arranged inside the car it may be adapted, when in operative position, to cover the instruments applied to the dashboard.

The front face of the screen may be painted conspicuously and it may, if desired, be provided with warning inscriptions.

Means may be provided automatically breaking the ignition circuit of the engine if the catches or locking devices should be interfered with.

When a rigid screen is used it may be divided into overlapping and relatively adjustable sections in order to allow the screen to be extended for use with cars of different widths.

Dated the 23rd day of March, 1931.

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COMPLETE SPECIFICATION.

Improvements in Devices for Preventing Unauthorised Use of Motor Vehicles.

We, Dr. HERMANN KAATZ, of Ginnheim, near Frankfurt on Main, Germany, and Dr. ROBERT KRÜGER, of Brück, near Cologne, Germany, both German citizens, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to a device for preventing unauthorised use of motor vehicles, and consists in the provision of a screen adapted to be lowered in front of or behind the wind screen and to be locked in position for obstructing the view.

Fig. 1 of the accompanying drawings

represents a perspective view of a car fitted with a screen according to the invention, the screen being extended for use as a sun shade.

Fig. 2 is a view showing the screen in view-obstructing position.

Fig. 3 is a diagrammatic side view of the arrangement shown in Fig. 1.

Fig. 4 is a similar view of the arrangement shown in Fig. 2, and

Fig. 5 is a front view of a car fitted with a screen of modified construction.

In the arrangement shown in Figs. 1 to 4 the screen consists of a rigid metal plate *a* which is guided in a slot in the upper frame member *d* of the wind screen *c* and

formed with a hooked edge adapted to engage the lower edge of the slot as shown in Fig. 4. Connected to the lower frame member *f* of the windscreen is a lock *e*, and the screen has at its lower edge a lug *e* adapted to enter the lock and snap into locking engagement with the mechanism for securing the screen in the obstructing position shown in Figs. 2 and 4. The front surface of the screen may be provided with a warning inscription *g*.

Normally the screen can be supported by means of safety catches *b* in a substantially horizontal position in the guide slot. 15 The screen *a* may project beyond the wind screen, as shown in Figs. 1 and 3, and serve as a sunshade.

In the modified arrangement shown in Fig. 5 the screen *h* is flexible and adapted 20 to wind like a blind on to a roller *k* supported under the sunshade *i* of the vehicle body. A pair of spring pulleys *m*, *m'* are provided which act by means of cords *l*, *l'* or the like on the screen and tend to 25 pull it down. A catch *o* is provided whereby the screen can be locked to the wind screen frame in inoperative position as well as in operative position, the 30 U-sectioned rail *n* being connected to the lower frame member for engagement with the catch. The raising of the screen may be effected by means of a crank handle which may be operated from inside the car.

35 When the screen is arranged inside the car it may be adapted, when in operative position, to cover the instruments applied to the dashboard.

Means may be provided for automatically 40 breaking the ignition circuit of the engine if the catches or locking devices should be interfered with.

When a rigid screen is used it may be 45 divided into overlapping and relatively adjustable sections in order to allow the screen to be extended for use with cars of different widths.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A device for preventing unauthorised use of motor vehicles, comprising a screen adapted to be lowered in front of or behind the wind screen and to be locked into position for obstructing the view.

2. A device according to claim 1 wherein the screen consists of a rigid metal plate which is guided in a slot in the upper frame member of the wind screen and formed with a hooked edge adapted to engage over the lower edge of the slot with the lower edge of the plate secured by means of a suitable catch or lock to the lower frame member.

3. A device according to claim 2 including means for supporting the plate normally in a substantially horizontal position inside the vehicle and if desired with one edge projecting to serve as a sunshade.

4. A device according to claim 1 wherein the screen is made of flexible metal adapted to be wound on a roller like a blind and to be moved in one direction by means of cords and spring pulleys and in the other direction by means of a crank handle.

5. A screen according to claim 1 adapted, when arranged behind the wind screen, to cover the instruments applied to the dashboard.

6. A device according to any of the preceding claims in combination with means for automatically breaking the ignition circuit of the engine if the catches or locking devices should be interfered with.

Dated the 20th day of January 1932.
HANS & DANIELSSON,
321, St. John Street, London, E.C. 1.
Registered Patent Agents.

[This Drawing is a reproduction of the Original on a reduced scale.]

FIG. 1.

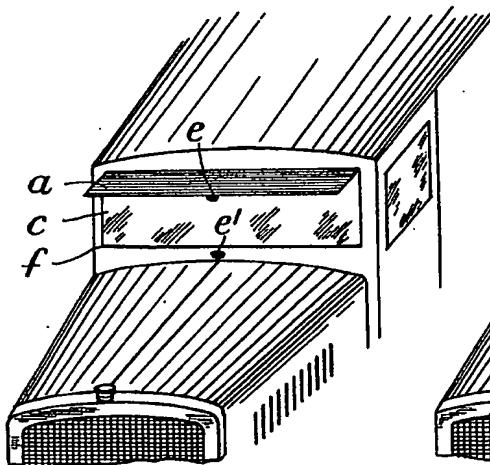


FIG. 2.

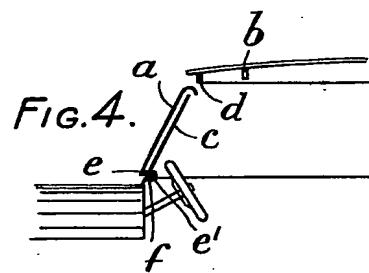
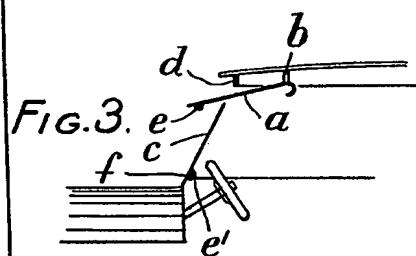
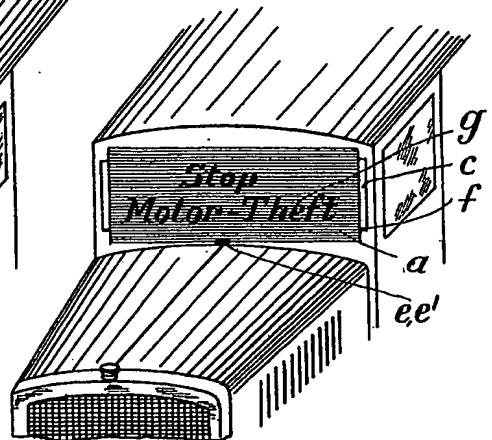


FIG. 5.

